

Claims

What is claimed is:

1. A method comprising:
distributing a software platform to a first enterprise, the software platform for use in
5 connection with an enterprise computing system having a plurality of backend software applications;
distributing the software platform to a second enterprise,
wherein the software platform includes a data modeling program allowing creation of a data
model associated with at least one of the plurality of backend applications; and
wherein the software platform further includes a deployment feature allowing deployment of
10 at least a portion of the data model to a plurality of mobile computing devices.
2. The method of claim 1, wherein the data model comprises a first class connected to a
second class.
3. The method of claim 1, wherein the software platform is distributed to the first
enterprise using a first distribution mechanism and the software platform is distributed to the second
15 enterprise using a second distribution mechanism.
4. The method of claim 1, wherein the first enterprise is in a different primary industry
category than the second enterprise.
5. The method of claim 1, further comprising receiving monetary value from the first
and the second enterprises in connection with the distribution of the software platform.
- 20 6. The method of claim 1, wherein the software platform includes a development
environment that allows creation of a software application that references the data model.

7. The method of claim 1, wherein the software platform is integrated with a backend software application of the first enterprise.

8. The method of claim 1, wherein the software platform is integrated with a backend software application of the second enterprise.

9. The method of claim 1, further comprising using a mobile computing system to create a second software application, the second software application to control transfer of data with at least one of the plurality of backend applications of the enterprise computing system, wherein the second software application references the data model.

10. The method of claim 9, further comprising deploying the second software application onto a mobile application server, the mobile application server responsive to the enterprise computing system and responsive to the plurality of mobile computing devices.

11. The method of claim 10, wherein data is transferred asynchronously between the first software application and the second software application.

12. The method of claim 9, wherein the mobile computing system uses a mobile domain.

13. The method of claim 6, wherein the software application is a task specific software application that is targeted for use by a selected class of employees of an enterprise associated with the enterprise computing system.

14. The method of claim 13, wherein an employee using one of the mobile computing devices provides information so that the employee is authenticated as belonging to the selected class so that such employee is given access to the first software application.

15. A system integration method comprising:

integrating a first computing system into a first enterprise network, the first computing system comprising:

an integration unit operable to access a backend application of the first enterprise network, the integration engine further operable to access a first data model that references at least one enterprise object associated with the backend software application; and

a connection unit responsive to a plurality of mobile computing devices, at least one of the plurality of mobile computing devices having access to the first data model; and

integrating a second computing system to a second enterprise.

16. The method of claim 15, further comprising providing integration services in connection with integrating the first computing system into the first enterprise network.

17. The method of claim 15, further comprising receiving monetary value in connection with providing the integration services.

18. The method of claim 15, further comprising receiving monetary value in connection with integrating the first computing system.

19. The method of claim 15, further comprising developing a software application that references the first data model.

20. The method of claim 15, wherein the first computing system further comprises a data management module in communication with the integration unit and with the connection unit.

21. The method of claim 15, wherein transaction data is transferred asynchronously between the plurality of mobile computing devices and the connection component.

22. The method of claim 15, wherein integration transaction data is transmitted between the data management module and the integration unit.

23. The method of claim 22, wherein integration transaction data is transmitted between the integration unit and the back-end application.

24. The method of claim 22, wherein the back-end application is selected from the group consisting of an accounting program, a database program, an enterprise resource management program, and a customer relationship management program..

25. A method of distributing a software platform, the method comprising:
distributing the software platform to an enterprise having an enterprise software system,

wherein the software platform comprises:

a software tool for creating a mobile data model, the mobile data model associated with data from the enterprise software system;

an integration module responsive to the enterprise software system, the integration module having access to the mobile data model; and

a connection module responsive to a plurality of mobile computing devices.

26. The method of claim 25, wherein the software platform includes a deployment feature to provide for transferring a mobile software application referencing the mobile data model to at least one of the plurality of mobile computing devices.

27. A method comprising:

distributing to a first enterprise a software platform, the software platform comprising:

data modeling code for creating a data model that models both enterprise backend application objects; and

mobility deployment code for deploying at least a portion of the data model to a mobile computing device; and

distributing to a second enterprise a second version of the software platform.

28. The method of claim 27, wherein the data model describes a naming and directory interface that associates enterprise names and objects in a binding that allows access to an SQL database system.

29. A method comprising:

identifying a provider of a software platform; and

receiving the software platform, the software platform comprising:

data modeling code for creating a data model that models both enterprise backend application objects; and

mobility deployment code for deploying at least a portion of the data model to a mobile computing device.

30. The method of claim 29, further comprising licensing the software platform from the provider.

31. The method of claim 29, further comprising distributing the software platform to another party.

32. The method of claim 29, further comprising using the software platform.
33. The method of claim 29, further comprising making copies of the software platform.
34. The method of claim 29, further comprising securing the right to distribute the software platform.
- 5 35. The method of claim 29, further comprising bundling the software platform with other software to create a bundled package.
36. A method comprising:
receiving a software platform, the software platform comprising:
data modeling code for creating a data model that models enterprise backend
10 application objects; and
mobility deployment code for deploying at least a portion of the data model to a
mobile computing device; and
hosting the software platform on a server.
37. The method of claim 36, further comprising receiving monetary value in connection with
15 hosting the software platform.
38. The method of claim 36, further comprising deploying at least a portion of the data model to a plurality of mobile computing devices.